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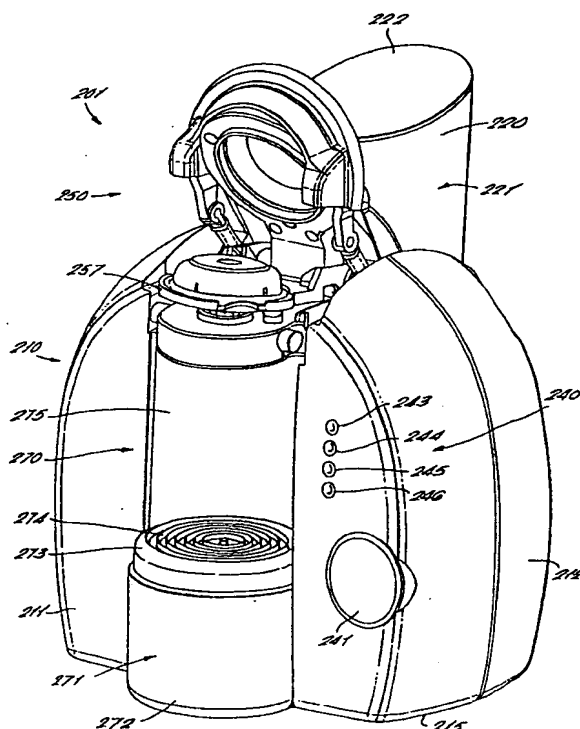
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(54) Title: AN INSERT, A MACHINE AND A SYSTEM FOR THE PREPARATION OF BEVERAGES



(57) Abstract: An insert (400) for use in a beverage prepa-
ration machine (201) of a type comprising a brew head (250)
comprising an upwardly directed inlet (253) for supplying wa-
ter to the brew head (250) and a downwardly directed outlet
(254) for outflow of beverage produced by the machine (201).
The insert (400) comprises, or is adapted to contain in use, a
quantity of beverage ingredients in a brewing volume. A lower
surface of the insert (400) comprises an inlet (405) and an out-
let (404) arranged to communicate respectively with the inlet
(253) and outlet (254) of the brew head (250) of the beverage
preparation machine (201) when the insert (100) is inserted
into the machine such that, in use, water from the inlet (253)
of the brew head (250) passes upwardly through the inlet (405)
of the insert (400) into the brewing volume and such that bev-
erage produced from the water and the quantity of beverage
ingredients passes downwardly through the outlet (404) of the
insert (100) to flow out of the outlet (254) of the brew head
(250). The lower surface of the insert (400) further comprises
a RFID or barcode (320) which, in use, is readable by a RFID
or barcode reader of the beverage preparation machine (201)
for controlling operation of the beverage preparation machine
(201), wherein the barcode (320) or RFID is located on the
lower surface of the insert (400) such that a line joining the
outlet (404) of the insert (400) to a centre of the barcode (320)
or RFID and a line joining the outlet (404) of the insert (400)
to the inlet (405) of the insert (400) separated by a minimum
angular separation of greater than 70 degrees.



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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